US 20210123283A1

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2021/0123283 A1

Sutterer (43) Pub. Date: Apr. 29, 2021

(54) **ANIMAL ENCLOSURE SAFE DOOR SYSTEM AND METHOD**

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(21) Appl. No.: **16/662,454**

(22) Filed: **Oct. 24, 2019**

Publication Classification

(51) **Int. Cl.**

E05F 15/40	(2006.01)
A01K 1/08	(2006.01)
A01K 31/02	(2006.01)
E05F 15/70	(2006.01)
E05F 15/60	(2006.01)

(52) **U.S. Cl.**

CPC ***E05F 15/40*** (2015.01); ***A01K 1/08*** (2013.01); ***A01K 31/02*** (2013.01); ***E05F 15/70*** (2015.01); *E05Y 2400/858* (2013.01); *E05Y 2201/434* (2013.01); *E05Y 2400/52* (2013.01); *E05Y 2400/44* (2013.01); *E05Y 2900/40* (2013.01); ***E05F 15/60*** (2015.01)

(57) **ABSTRACT**

An animal enclosure safe door system may include a door which may be moved between an open position and a closed position via an actuator. A controller unit may operate the actuator to move the door between the open and closed position. The controller unit may comprise a sensor engine which may be configured to detect the presence of an obstruction object which may prevent the door from moving into the closed position. If an obstruction object is detected, the controller unit may stop and/or reverse the movement of the door. A method of an animal enclosure safe door system may include: motivating the door from an open position into the closed position; detecting the presence of an obstruction object in the path of the door to the closed position; stopping the movement of the door for a period of time; and motivating the door into the closed position.